

United States Of America  
Department of Transportation - Federal Aviation Administration

# Supplemental Type Certificate

*Number* SA09286AC-D

*This Certificate issued to* S-TEC Corporation  
One S-TEC Way  
Mineral Wells Municipal Airport  
Mineral Wells, TX 76067-9236

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.*

*Original Product Type Certificate Number:* A20SO

*Make:* Piper

*Model:* PA-31, PA-31-300, and PA-31-325

*Description of Type Design Change:*

Installation of S-TEC System 30 ALT Altitude Hold System, Model ST-728, according to Bulletin No. 828, dated 11-21-97 and Master Drawing List No. 921030, dated 11-21-97 or later FAA Approved revisions of the above data (28 Volt System).

*Limitations and Conditions:*

1. Also eligible on Models PA-31 and PA-31-300 When Modified Per STC SA970SO (350 H.P. Colemill Conversion).
2. Also eligible on Model PA-31-325 When Modified Per STC SA00048SE (Vortex Generator System).

(See Continuation Sheet, Page 2, a part of this STC.)

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* 11-24-97

*Date of issuance:* 11-26-97

*Date reissued:*

*Date amended:*

*By direction of the Administrator*

  
(Signature)

William J. Thomas  
DAS Staff Coordinator, DAS 5 SW  
(Title)



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(Continuation Sheet)

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2. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891540, dated 11-26-97 is required for Piper Models PA-31 and PA-31-300 And The Above Models When Modified Per STC SA970SO (350 H.P. Colemill Conversion) or later FAA Approved revisions of the above supplement.
3. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891553, dated 11-26-97 is required for Piper Model PA-31-325 And The Above Model When Modified Per STC SA00048SE (Vortex Generator System) or later FAA Approved revisions of the above supplement.
4. Compatibility of this modification with other previously approved modifications must be determined by the installer.

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of the Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

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### TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number \_\_\_\_\_

to (Name of transferee) \_\_\_\_\_

(Address of transferee) \_\_\_\_\_  
(Number and street)

\_\_\_\_\_  
(City, State, and ZIP code)

from (Name of grantor) (Print or type) \_\_\_\_\_

(Address of grantor) \_\_\_\_\_  
(Number & street)

\_\_\_\_\_  
(City, State, and ZIP code)

Extent of Authority (if licensing agreement): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date of Transfer: \_\_\_\_\_

Signature of grantor (In ink): \_\_\_\_\_